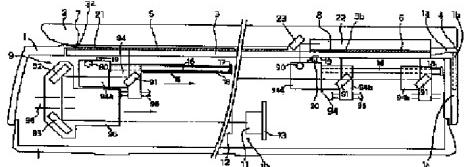


1/1-FAMPAT-©Questel

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 PN - JP11266346 A 19990928 [JP11266346]    

STG: Doc. Laid open to publ. Inspec.
AP : 1998JP-0065557 19980316

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STG: Grant. Pat. With A from 2500000 on

TI - IMAGE READER
 AB - (JP11266346)
 PROBLEM TO BE SOLVED: To make the size of the image reader small or to make the profile of the image reader thin by allowing the same scanning optical system to read a reflection original and a transparent original at the same side.
 SOLUTION: A scanner 1 is provided with a transparent original platen 3 on which an original is placed, and the original platen 3 has separates areas on which a reflection original 5 and a transparent original 6 are individually placed. A 1st scanning member 94 of a scanning optical system 9 provided to a lower part of the original platen 3 is driven along the reflection original 5 to read an image of the reflection original. In the read area of the transparent original 6, part of the 1st scanning member 94 makes separate scanning by pressing a lamp carriage 94a supporting an exposure lamp 90 and a mirror carriage 94b supporting a reflection mirror 91 into contact with a lock projection 19 and a stopper 20, a light from the exposure lamp 90 is made incident onto a diffusion plate 22 provided corresponding to a rear side of the transparent original 6 via a reflection mirror 23 provided to an original cover 2, a uniform light is emitted from a rear side of the transparent original 6 to read an image of the transparent original 6. Thus, the same optical system is used to read respective images at the same side.

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 PA0 - (A) SHARP CORP